SEQUENCE LISTING

<110> Sakowicz, Roman Beraud, Christophe Guo, Jun Freedman, Richard

<120> NOVEL MOTOR PROTEIN OF P. FALCIPARUM AND METHODS FOR ITS USE

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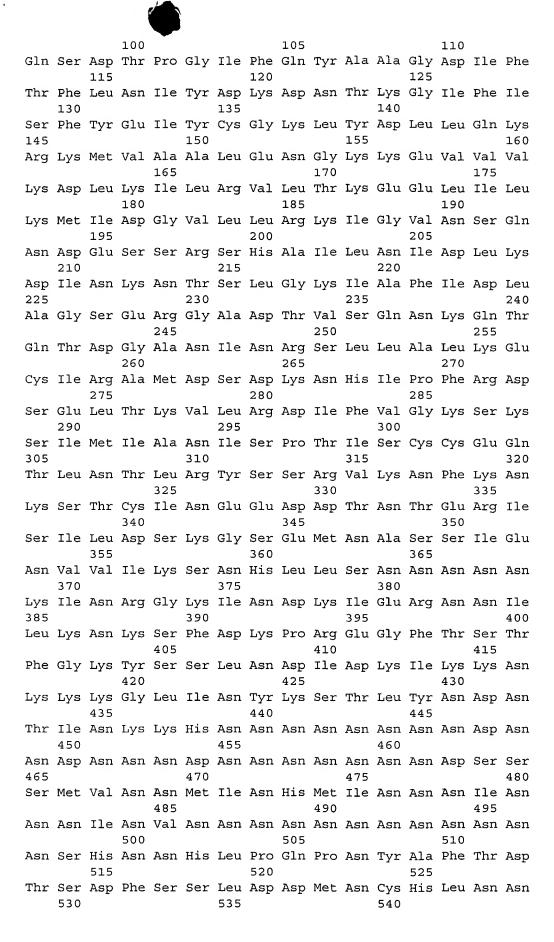
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- 4 -

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Thr Pro Gly Ile Phe Gln Tyr Ala Ala Gly Asp Ile Phe Thr Phe Leu 120 Asn Ile Tyr Asp Lys Asp Asn Thr Lys Gly Ile Phe Ile Ser Phe Tyr 135 Glu Ile Tyr Cys Gly Lys Leu Tyr Asp Leu Leu Gln Lys Arg Lys Met 150 155 · Val Ala Ala Leu Glu Asn Gly Lys Lys Glu Val Val Lys Asp Leu 165 170 Lys Ile Leu Arg Val Leu Thr Lys Glu Glu Leu Ile Leu Lys Met Ile 185 Asp Gly Val Leu Leu Arg Lys Ile Gly Val Asn Ser Gln Asn Asp Glu 200 205 Ser Ser Arg Ser His Ala Ile Leu Asn Ile Asp Leu Lys Asp Ile Asn 215 220 Lys Asn Thr Ser Leu Gly Lys Ile Ala Phe Ile Asp Leu Ala Gly Ser 230 235 Glu Arg Gly Ala Asp Thr Val Ser Gln Asn Lys Gln Thr Gln Thr Asp 250 Gly Ala Asn Ile Asn Arg Ser Leu Leu Ala Leu Lys Glu Cys Ile Arg 265 Ala Met Asp Ser Asp Lys Asn His Ile Pro Phe Arg Asp Ser Glu Leu 280

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320

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Asn Lys Asn Thr Ser Leu Gly Lys Ile Ala Phe Ile Asp Leu Ala Gly
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<213> P. Falciparum

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Asn Phe Thr Val Tyr Glu Asn Thr Ile Lys Pro Leu Ile Ile Asp Leu 65 70 75 80

Tyr Glu Asn Gly Cys Val Cys Ser Cys Phe Ala Tyr Gly Gln Thr Gly 85 90 95

Ser Gly Lys Thr Tyr Thr Met Leu Gly Ser Gln Pro Tyr Gly Gln Ser 100 105 . 110

Asp Thr Pro Gly Ile Phe Gln Tyr Ala Ala Gly Asp Ile Phe Thr Phe 115 120 125

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Ile Asp Gly Val Leu Leu Arg Lys Ile Gly Val Asn Ser Gln Asn Asp 195 200 205

Glu Ser Ser Arg Ser His Ala Ile Leu Asn Ile Asp Leu Lys Asp Ile 210 215 220

Asn Lys Asn Thr Ser Leu Gly Lys Ile Ala Phe Ile Asp Leu Ala Gly
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Arg Ala Met Asp Ser Asp Lys Asn His Ile Pro Phe Arg Asp Ser Glu 275 280 285

Leu Thr Lys Val Leu Arg Asp Ile Phe Val Gly Lys Ser Lys Ser Ile 290 295 300

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Asn Thr Leu Arg Tyr Ser Ser Arg Val Lys Asn Lys Gly Asn Ser Lys 325 330 335

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195

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Ile Lys Val Val Val Arg Lys Arg Pro Leu Ser Glu Leu Glu Lys Lys Lys Lys Asp Ser Asp Ile Ile Thr Val Lys Asn Asn Cys Thr Leu Tyr 25 Ile Asp Glu Pro Arg Tyr Lys Val Asp Met Thr Lys Tyr Ile Glu Arg 40 His Glu Phe Ile Val Asp Lys Val Phe Asp Asp Thr Val Asp Asn Phe 55 Thr Val Tyr Glu Asn Thr Ile Lys Pro Leu Ile Ile Asp Leu Tyr Glu 75 Asn Gly Cys Val Cys Ser Cys Phe Ala Tyr Gly Gln Thr Gly Ser Gly 90 Lys Thr Tyr Thr Met Leu Gly Ser Gln Pro Tyr Gly Gln Ser Asp Thr 105 Pro Gly Ile Phe Gln Tyr Ala Ala Gly Asp Ile Phe Thr Phe Leu Asn 125 120 Ile Tyr Asp Lys Asp Asn Thr Lys Gly Ile Phe Ile Ser Phe Tyr Glu 135 Ile Tyr Cys Gly Lys Leu Tyr Asp Leu Leu Gln Lys Arg Lys Met Val 150 155 160 Ala Ala Leu Glu Asn Gly Lys Lys Glu Val Val Lys Asp Leu Lys 165 170 Ile Leu Arg Val Leu Thr Lys Glu Glu Leu Ile Leu Lys Met Ile Asp 180 185 Gly Val Leu Leu Arg Lys Ile Gly Val Asn Ser Gln Asn Asp Glu Ser

200

